

**Educ - Special Programs
Forest Utilization Research**

Description:

Forest Utilization Research

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Forest Nursery Research/Teaching/Service.

A. Secure at least two new research projects each year to match state funded project.

Actual Results			
1999	2000	2001	2002
4	4	4	3
Projected Results			
2003	2004	2005	2006
3	3	4	4

B. Conduct at least thirty workshops and/or demonstration tours annually.

Actual Results			
1999	2000	2001	2002
50	55	65	61
Projected Results			
2003	2004	2005	2006
60	70	65	70

C. Provide assistance to Idaho land owners regarding species selection, site preparation and planting practices (110 contacts per month).

Actual Results			
1999	2000	2001	2002
1,600	1,800	2,000	2,000
Projected Results			
2003	2004	2005	2006
2,000	2,100	2,100	2,400

2. Seeding Industry Research.

A. Secure at least two new research projects each year to match state funded project.

Actual Results			
1999	2000	2001	2002
2	3	3	1
Projected Results			
2003	2004	2005	2006
2	2	3	2

B. Conduct at least twelve demonstration tours of the micropropagation unit.

Actual Results			
1999	2000	2001	2002
15	16	18	18
Projected Results			
2003	2004	2005	2006
18	18	16	18

C. Produce at least two publications per year.

Actual Results			
1999	2000	2001	2002
8	8	8	9
Projected Results			
2003	2004	2005	2006
10	10	10	10

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3. Experimental Forest-Research/Teaching/Science.

A. Secure at least one new research project each year to match state funded project.

Actual Results			
1999	2000	2001	2002
1	2	2	2
Projected Results			
2003	2004	2005	2006
2	2	2	2

B. Conduct at least twelve workshops and/or demonstration trips annually.

Actual Results			
1999	2000	2001	2002
12	12	12	12
Projected Results			
2003	2004	2005	2006
12	12	12	12

C. Produce at least one publication per year.

Actual Results			
1999	2000	2001	2002
2	2	2	2
Projected Results			
2003	2004	2005	2006
2	2	2	2

4. Policy Analysis Group.

A. Produce at least ten briefs, reports and/or publications per year.

Actual Results			
1999	2000	2001	2002
22	11	19	15
Projected Results			
2003	2004	2005	2006
10	10	10	10

B. Participate in at least twelve invited presentations per year.

Actual Results			
1999	2000	2001	2002
15	13	16	12
Projected Results			
2003	2004	2005	2006
12	12	12	12

Program Results and Effect:

The ultimate effect of this program is to increase the productivity of Idaho's forest by conceiving, analyzing, and developing methodologies that:

- 1) Improve intensive forest harvesting practices.
- 2) Improve and increase wood use and wood residue utilization technologies.
- 3) Improve forest regeneration and forest nursery management practices.
- 4) Demonstrate state-of-the-art scientifically, socially, and environmentally sound forest nursery, forest regeneration, and forest management practices.
- 5) Provide through the Policy Analysis Group unbiased, factual, and timely information on natural resources issues facing Idaho's decision makers.

The research development and demonstration programs outlined above make extensive use of the College's Forest Nursery and 7,400 acre Experimental Forest.

For more information contact Richard Bottger at 885-6443.

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Idaho Geological Survey

Description:

The Idaho Geological Survey is the lead state agency for the collection, collation, and dissemination of all geologic and mineral based data for Idaho. It accomplishes this mission by applied research and through public service. The main office is located at the University of Idaho. Branch offices are located at Boise State University and Idaho State University.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Research and public service.

A. Number of IGS publications/other publications/abstracts.

Actual Results			
1999	2000	2001	2002
87	54	144	160
Projected Results			
2003	2004	2005	2006
111	111	111	111

B. Number of presentations.

Actual Results			
1999	2000	2001	2002
137	217	224	64
Projected Results			
2003	2004	2005	2006
160	160	160	160

C. Grants and contracts.

Actual Results			
1999	2000	2001	2002
\$562,999	\$494,690	\$429,794	\$428,086
Projected Results			
2003	2004	2005	2006
\$273,000	\$266,000	\$266,000	\$266,000

Program Results and Effect:

ENABLING ACT AND MISSION:

The Idaho Geological Survey (IGS) The IGS is a special program at the University of Idaho with a formal advisory board and a statewide mission as the lead agency for collecting and disseminating geologic and mineral data. (State Statute section 47-201 to 47-204). In addition to its main office in Moscow, the IGS has branch offices in Boise at Boise State University and in Pocatello at Idaho State University. Our staff of geologists conduct applied research with a strong emphasis on producing geologic maps and providing technical and general information to the public about Idaho geology.

PUBLICATIONS, INQUIRIES, AND SALES:

The IGS publishes a variety of maps, books, and articles available to the public and itemized in a publication list and the web site (Idahogeology.org) that includes over 500 publications produced by the Survey since 1919. Publication sales for FY 2002 totaled \$31,404. The staff handles numerous public service inquiries each day, and prepares publications, reports, and presentations throughout the year.

GEOLOGICAL MAPPING AND RELATED RESEARCH:

Central to the IGS applied research is geologic mapping and related topical studies that together form the technical content of digital geologic maps, databases, reports, and publications.

Geologic mapping:

Since 1985 the IGS has been conducting detailed geologic mapping in selected urban and urbanizing areas of Idaho. Through a cooperative agreement with the United States Geological Survey, projects have been completed in, the Boise Valley, Pocatello, Twin Falls, Moscow, Lewiston, the greater Coeur d'Alene area, and the Sun Valley Corridor. The resulting digital geologic maps and databases are in GIS format and are readily usable and in demand by local jurisdictions. The colored geologic maps are also for sale and many are viewable on the web site. The IGS sets priorities, as funds become available, for geologic mapping in the large areas of Idaho that have never been studied in detail. Results of new geologic studies are digitized and compiled into a statewide database. Previously mapped geology is systematically added to the database.

HYDROGEOLOGY:

In selected areas of Idaho, like Pocatello, Boise, Lewiston, Coeur d'Alene, and the Wood River urban corridor the IGS works in cooperation with other agencies and university programs to develop better understandings of the geologic controls on recharge, flow, and transport of ground water, and to provide technical information for groundwater protection. The IGS and the Idaho Water Resources Research Institute initiated a program to provide geologically based ground water information to communities with critical water issues.

DIGITAL GEOLOGIC MAPS:

The IGS digital mapping and GIS laboratory performs services ranging from digital cartography to spatial data management. The lab uses computer aided design and GIS software to produce new maps for publication and to fashion existing geologic maps into digital map compilations. The IGS plots on demand full color geologic maps, thus reducing storage, inventory, and printing costs, and many products are available on the website.

DATABASES, BIBLIOGRAPHIES, AND COLLECTIONS:

Many digital geologic maps are also available as GIS databases. Other databases include mines and prospects with data on more than 8,300 Idaho mines, and the state's earthquake database and earthquake observatory. Information about the IGS digital geologic databases and Idaho earthquake information is available on the agency's Web site. Many of the documents references are available in special IGS collections at the Moscow Office and include references on Idaho geology nowhere else available.

GEOLOGIC HAZARDS:

The IGS cooperates with the Idaho Bureau of Disaster Services, both formally and informally to mitigate, respond, and recover from the impacts of floods, landslides, and earthquakes, and to provide technical analysis in times of natural disasters. The IGS also sponsors educational workshops featuring natural

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Idaho Geological Survey

hazards mitigation. The IGS is currently coordinating an earthquake shaking hazards study of the Boise area.

MINES AND THE GEOLOGY OF MINES:

The IGS maintains a working knowledge of the geology of all mines in Idaho. Annually, information on and statistics for Idaho mining are collected and published. The IGS cooperates with the United States Geological Survey in collecting and interpreting mineral statistics and mining data. Abandoned and inactive mines in Idaho are being evaluated and inventoried by the IGS in cooperation with the Idaho Department of Lands, the U.S Bureau of Land Management, and the U.S. Forest Service. The results identify physical as well as environmental hazards, and record each mine's history for future analysis and remediation.

SUPPORT FOR EARTH SCIENCE EDUCATION:

The IGS staff supports geologic education efforts of public and private agencies, professional organizations, school classes, hobbyists, local clubs, and youth groups. Survey geologists make their expertise available to the public, students, teachers, and other scientists by participating in seminars, field trips, and workshops. The IGS promotes earth science education with the state's teachers through the Idaho Earth Science Teachers' Association, and by conducting field workshops for teachers around the State.

As mining activity has declined and as natural-resource agencies have down-sized, the IGS role in maintaining mining records and geological information important to mineral resource needs has increased.

For more information contact Roy Breckenridge or Kurt Othberg at 885-7991.

Description:

The mission of the Idaho Museum of Natural History is to acquire, preserve, study, interpret and display objects relating to the natural history of Idaho and the Northern Intermountain West for research and education. The Museum seeks to enhance in the citizens of Idaho and visitors an understanding of and delight in Idaho's natural and cultural heritage. Specific areas of interest encompass the anthropology, botany, geology, paleontology and zoology of Idaho and the Northern Intermountain West. The audiences served include citizens of Idaho, visitors and the national and international community of students and scholars. Information is disseminated through exhibitions, public and professional presentations, publications, formal and informal education, telecommunications and other interpretive programs.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. To collect and provide professional care for the collections and records, including growth of the collections.

A. Number of artifacts and specimens with associated documentation,

Actual Results			
1999	2000	2001	2002
345,000	350,000	365,000	390,000
Projected Results			
2003	2004	2005	2006
400,000	400,000	400,000	402,000

B. Percent of objects cataloged on computer.

Actual Results			
1999	2000	2001	2002
60%	70%	80%	90%
Projected Results			
2003	2004	2005	2006
95%	95%	95%	98%

C. Number of collection-related grants/contracts.

Actual Results			
1999	2000	2001	2002
4	3	3	4
Projected Results			
2003	2004	2005	2006
6	5	5	5

2. To conduct, facilitate, and promote research.

A. Number of research-related grants/contracts.

Actual Results			
1999	2000	2001	2002
2	5	11	2
Projected Results			
2003	2004	2005	2006
5	4	3	3

B. Number of requests, loans, and visits by outside researchers.

Actual Results			
1999	2000	2001	2002
58	68	92	95
Projected Results			
2003	2004	2005	2006
90	90	90	100

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Museum of Natural History

C. Number of juried papers in the museum journal, Tebiwa, and Occasional Papers series.

Actual Results			
1999	2000	2001	2002
6	9	7	9
Projected Results			
2003	2004	2005	2006
8	8	7	6

3. To provide and expand educational experiences and interpretive programs for better understanding and appreciation of the region's natural and cultural heritage.

A. Increase number of visitors to museum exhibits.

Actual Results			
1999	2000	2001	2002
27,000	29,000	29,750	7,040
Projected Results			
2003	2004	2005	2006
33,100	33,100	33,000	23,000

B. Present new exhibits each year.

Actual Results			
1999	2000	2001	2002
3	5	3	4
Projected Results			
2003	2004	2005	2006
4	4	4	3

C. Host school children annually.

Actual Results			
1999	2000	2001	2002
10,254	10,617	8,691	5,663
Projected Results			
2003	2004	2005	2006
13,000	13,000	12,000	12,000

D. Number of children's classes / Number of children participating.

Actual Results			
1999	2000	2001	2002
47/461	66/611	56/472	36/278
Projected Results			
2003	2004	2005	2006
60/600	60/600	60/600	30/350

E. Number of outreach visits / Number of children reached.

Actual Results			
1999	2000	2001	2002
50/2,865	55/2,589	43/2,735	26/1,799
Projected Results			
2003	2004	2005	2006
42/2,750	45/2700	45/2700	35/2,500

F. Number of undergraduate hours / Number of graduate hours.

Actual Results			
1999	2000	2001	2002
30/300	17/300	30/300	39/300
Projected Results			
2003	2004	2005	2006
30/300	25/250		

G. Number of public lectures, workshops and field study programs / Number of adult participating.
(These are now reported elsewhere and do not appear here to avoid double counting.)

Actual Results			
1999	2000	2001	2002
20/575	23/600	0	4/135
Projected Results			
2003	2004	2005	2006
0	0		

Program Results and Effect:

The Idaho Museum of Natural History has been accredited by the American Association of Museums. Accreditation by the AAM signifies that the museum meets the rigorous standards of the profession. By achieving the performance standards, the museum benefits from greater visibility within the museum profession, among other scientific institutions, and with the citizens of Idaho. Consistent high-quality public programs will fulfill the museum's mission as the state museum of natural history.

For more information contact Dr. Ernest Lohse at 282-5189.

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Small Business Development Centers

Description:

The ISBDC provides direct consulting and training services to individual small businesses in Idaho through a sustained and increasingly effective higher education network.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Counseling interested parties in the area of Small Business.

A. Assist 1,600 clients.

Actual Results			
1999	2000	2001	2002
1,605	1,680	1,897	1,781
Projected Results			
2003	2004	2005	2006
1,592	1,600	1,600	1,600

B. Provide 14,500 consulting hours.

Actual Results			
1999	2000	2001	2002
16,490	18,220	15,061	19,054
Projected Results			
2003	2004	2005	2006
17,468	16,000	16,000	16,001

C. Assist 100 women.

Actual Results			
1999	2000	2001	2002
626	608	664	568
Projected Results			
2003	2004	2005	2006
509	600		

D. Assist 100 veterans.

Actual Results			
1999	2000	2001	2002
129	221	247	226
Projected Results			
2003	2004	2005	2006
203	130	130	130

E. Assist 400 rural clients.

Actual Results			
1999	2000	2001	2002
500	568	602	500
Projected Results			
2003	2004	2005	2006
628	500	500	500

F. Provide 825 clients with an average of 13.5 hours of service.

Actual Results			
1999	2000	2001	2002
850	857	926	1,057
Projected Results			
2003	2004	2005	2006
946	870	870	870

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Small Business Development Centers

2. Training interested parties in the area of Small Business.

A. Provide 138 training events.

Actual Results			
1999	2000	2001	2002
127	188	181	173
Projected Results			
2003	2004	2005	2006
169	160	160	160

B. Provide 11,000 training hours.

Actual Results			
1999	2000	2001	2002
18,298	15,830	16,212	13,238
Projected Results			
2003	2004	2005	2006
12,904	15,000	15,000	15,000

C. Assist 1,704 attendees.

Actual Results			
1999	2000	2001	2002
2,332	2,344	3,908	2,945
Projected Results			
2003	2004	2005	2006
1,922	2,300	2,300	2,300

3. Conduct research for interested parties in the area of Small Business.

A. Assist 4,000 inquiries and referrals.

Actual Results			
1999	2000	2001	2002
5,084	5,042	6,213	6,816
Projected Results			
2003	2004	2005	2006
4,437	5,200	5,200	5,200

B. Provide six specialized publications and directories.

Actual Results			
1999	2000	2001	2002
12	12	12	12
Projected Results			
2003	2004	2005	2006
7	7	7	7

C. Assist in 100 business data base inquiries.

Actual Results			
1999	2000	2001	2002
215	183	201	226
Projected Results			
2003	2004	2005	2006
161	161	226	226

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Small Business Development Centers

Program Results and Effect:

The ISBDC is a result of a cooperative agreement between the US Small Business Administration and Boise State University. We provide quality counseling and training to parties interested in pursuing a small business. We provide affordable services to our client and operate in a cost effective manner.

The ultimate effect of this program is the success our clients achieve after they have participated in our program. Many new jobs have been created as a direct result of these successes.

For more information contact Jim Hogge at 426-3799.

Educ - Special Programs
Idaho Council on Economic Education

Description:

The stated mission of the Council is to provide economics education and training in the utilization of certain programs from the Council for teachers K-12. The specific funds provided by the referenced appropriation are dedicated to the field representative positions at the Centers for Economic Education at three state universities to enhance their outreach capabilities for the convenience of teachers and their students.

Major Functions and Targeted Performance Standard(s) for Each Function:

1. Meet with district and/or school administrators, curriculum coordinators and/or designated teachers periodically in their assigned regions.

A. Meet on-site at least once each semester or as required. *Contact every HS in Idaho as part of a new proposal funded by the Albertson Foundation that utilizes a new performance assessment in Economics developed by the State Dept of Education. **Collect and evaluate data teacher and school data regarding use of the Mini-Summit Kit and performance assessment.

Actual Results			
1999	2000	2001	2002
Met standards	Met standards	Maintain standards	Maintain standards
Projected Results			
2003	2004	2005	2006
*	**	Maintain standards	Maintain standards

2. Schedule and conduct appropriate training programs as necessary to meet the defined proficiency needs of teachers K - 12 utilizing economics and personal finance curriculum.

A. Determined by objective survey of specific needs conducted at least bi-annually.

Actual Results			
1999	2000	2001	2002
Action Plan*	Action plan continued	Analyze comp survey results	Verify survey
Projected Results			
2003	2004	2005	2006
ate survey instrument/eval n	Verify Survey	Random sampling	Verify sample results

3. Under the direction of the Council Executive Director, and ICEE Program Director, Center Directors design training programs, workshops, and seminars to introduce new programs, curriculum materials and/or technology to enhance the teaching of economics while correlating to standards.

A. As determined by item 2 above, the Idaho Council director and program director utilize the new publications release program, materials and technology from the National Council on Economic Education and other sources. *Expand to include a teachers from every HS in Idaho as part of the new grant proposal

Actual Results			
1999	2000	2001	2002
Maintain 20***	Expand to 22	Maintain 22***	Expand to 25
Projected Results			
2003	2004	2005	2006
*	Maintain 25	Expand to 30	Expand 35

B. Beginning in the 2002-03 school year, utilize the graduating economics fellows as an integral part of council outreach programs. *Fellow completing projects and beginning to work with colleagues in their home district. **Utilize Fellows to deliver Economic content instruction in 10 Districts.

Actual Results			
1999	2000	2001	2002
Fellows comp coursework	Fellows comp coursework	Fellows comp coursework	*
Projected Results			
2003	2004	2005	2006
**	Expand to 15 Districts	Expand to 20 Districts	Expand 25 Districts

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Idaho Council on Economic Education

Program Results and Effect:

The Council and affiliated Centers for Economic Education at Boise State University, University of Idaho, College of Southern Idaho and Idaho State University share a common mission to provide ongoing content and pedagogical training, curriculum, classroom materials and other appropriate support to teachers in Idaho schools. All ICEE materials and programs are correlated to current K-12 standards in Economics and Personal Finance as adopted by the Department of Education. All curriculum and materials are designed for use within the social studies strand as well as meet the course requirements for graduation.

The ultimate effect of the program is to advance economic literacy utilizing active learning by engaging students, enhancing content knowledge and critical thinking skills leading to improved workforce preparation, knowledgeable consumers, prudent savers and investors and effective participants in a global economy.

For more information contact Jody Hoff at 426-1810.